

## References

1. American Water Works Association. 1995. Summary of Backflow Incidents, Fourth Edition. Prepared by Cross Connection Control Committee, Pacific Northwest Section, American Water Works Association. (<http://www.abpa.org/pnw-awwa.htm>, 1/30/01). 30 pp. (p. 4).
2. American Water Works Association. 2002. New or Repaired Water Mains. Denver, CO. 13 pp. <http://www.epa.gov/safewater/tcr/pdf/maincontam.pdf>. (August 2002)
3. Bickerstaff, Robert; Mark Vaughn, Gerald Stoker, Michael Hassard, and Mark Garrett. 2002. Review of Sensor Technologies for In-line Inspection of Natural Gas Pipelines. Sandia National Laboratories. <http://www.netl.doe.gov/scng/publications/t&d/tsa/71702.pdf>
4. Congressional Budget Office. 2002. Summary Report-Future Investment in Drinking Water and Wastewater Infrastructure. Washington, DC. 16 pp.
5. Craun, Gunther F. and Rebecca L. Calderon. 2001. Waterborne Disease Outbreaks Caused by Distribution System Deficiencies. 2001. Journal of the American Water Works Association. Vol. 93, No. 9, pp. 64-75.
6. Cromwell, J., G.Nestel, R. Albani, L. Paralez, A. Deb, and F. Grablutz. 2001. Financial and Economic Optimization of Water Main Replacement Programs. American Water Works Association Research Foundation. Denver, CO. 148 pp.
7. Deb, A.K., Grablutz, F.M., Hasit, Y.J., Snyder, J.K., Loganathan, G.V., and N. Agbenowski. 2002. Prioritizing Water Main Replacement and Rehabilitation. American Water Works Association Research Foundation. Denver, CO. 234 pp.
8. Dingus, M., J. Haven, R. Austin. 2002. Nondestructive, Noninvasive Assessment of Underground Pipelines. AWWA Research Foundation. Denver, CO. 116 pp.
9. EUPEC Risk Management Systems. 2003. ATIS (All Terrain Information System) Cathodic Protection Remote Monitoring System. 1 p. <http://www.eupecrms.com/Products/ATIS/> October 15, 2003.
10. Fennell, J.G. and C.F. Lawrence. 2000. Cathodic Protection of a Large Distribution System: Why We Did It and What We Found Out. In: Infrastructure Conference Proceedings, March 12-15, 2000. American Water Works Association Research Foundation. Denver, CO. 14 pp.
11. Fortner, Brian. 1999. Main Line Mending. Civil Engineering. July. pp. 42-45.
12. Hock, Vincent F., Lewis F. Setliff, Wesley A. Houtz, Michael Noble, Brad J. Lewis, and Malcolm E. McLeod. 1994. Off-potential Measurement Systems for Impressed Current Cathodic Protection. US Army Corps of Engineers Construction Engineering Laboratory. USACERL Technical Report FM-94/16. Champaign, Illinois.
13. Hunaidi, O., W. Chu, A. Wang, W. Guan. 1999. Leak Detection Methods for Plastic Water Distribution Pipes. AWWA Research Foundation. Denver, CO. 142 pp.
14. Jackson, Rodney Z., C. Pitt, R. Skabo. 1992. Nondestructive Testing of Water Mains for Physical Integrity. American Water Works Association Research Foundation. Denver, CO. 109 pp.

15. Kirmeyer, G., W. Richards and C.D. Smith. 1994. An Assessment of Water Distribution Systems and Associated Research Needs. American Water Works Research Foundation. Denver, CO. 99 pp.
16. Kirmeyer, G.J., M. Friedman, K. Martel, D. Howie, M. LeChevallier, M. Abbaszadegan, M. Karim, J. Funk, and J. Harbour. 2001. Pathogen Intrusion into the Distribution System. American Water Works Association Research Foundation. Denver, CO. 254 pp.
17. Lawrence, C.F. 2001. To CP or Not to CP? That is the Question. In: Infrastructure Conference Proceedings, March 11-14, 2001. American Water Works Association Research Foundation. Denver, CO. 14 pp.
18. Makar, J.M., R. Desnoyers, and S.D. McDonald. 2001. Failure Modes and Mechanisms in Gray Cast Iron Pipe. National Research Council of Canada, NRCC-44218. In: Proceedings of the International Conference on Underground Infrastructure Research (Kitchener, Ontario, 6/10/2001), June 01, 2001. pp. 1-10 <http://irc.nrc-cnrc.gc.ca/fulltext/nrcc44218/>
19. Makar, J., and N. Chagnon. 1999. Inspecting Systems for Leaks, Pits, and Corrosion. Journal of the American Water Works Association. Vol. 91, Issue 7. pp. 36-46.
20. Makar, J.M. and Y. Kleiner. 2000. Maintaining Water Pipeline Integrity. Institute for Research in Construction. National Research Council of Canada. NRCC-43986. 14 pp.
21. Meegoda, Jay N., T.M. Juliano. 2002. Research, Development, Demonstration and Validation of Intelligent Systems for Conveyance and Storage Infrastructure (Draft Final Report). National Risk Management Research Laboratory, U.S. EPA and U.S. Army Industrial Ecology Center. 94 pp.
22. O'Day, K.D., R. Weiss, S. Chiavari, D. Blair. 1986. Water Main Evaluation for Rehabilitation/Replacement. American Water Works Association Research Foundation. Denver, CO. 182 pp.
23. Rajani, B. and J. Makar. 2000. A Methodology to Estimate Remaining Service Life of Grey Cast Iron Water Mains. Canadian Journal of Civil Engineering. Vol. 27, pp. 1259-1272.
24. Rajani, B., J. Makar, S. McDonald, C. Zhan, S. Kuraoka, C. Jen, M. Viens. 2000. Investigation of Grey Cast Iron Water Mains to Develop a Methodology for Estimating Service Life. AWWA Research Foundation. Denver, CO. 266 pp.
25. Smith, L.A., K.A. Fields, A.S.C. Chen, A.N. Tafuri. 2000. Options for Leak and Break Detection and Repair for Drinking Water Systems. Battelle Press. Columbus, OH. 163pp.
26. Stone, S., E.J. Dzuray, D. Meisegeier, A.S. Dahlborg, M. Erickson. 2002. Decision-Support Tools for Predicting the Performance of Water Distribution and Wastewater Collection Systems. Logistics Management Institute for WSWRD, NRMRL, U.S. EPA. EPA/600/R-02/029. 97 pp.
27. Tafuri, A. 2000. Locating Leaks with Acoustic Technology. Journal of the American Water Works Association. Vol. 92, No. 7. July. pp. 57-66

28. Tafuri, A., L. Russo, and S. Stone. 2001. Decision Support Tools for Managing Wastewater Collection Systems. In Conference Proceedings-- A Collection System Odyssey: Integrating O&M and Wet Weather Solutions. Water Environment Research Foundation. July. 23 pp.
29. Tafuri, Anthony N. and Ariamalar Selvakumar. 2002. Wastewater collection system infrastructure research needs in the USA. Urban Water. Vol. 4, Issue 1.
30. U.S. Environmental Protection Agency. 2002a. Potential Contamination Due to Cross-Connections and Backflow and the Associated Health Risks - An Issues Paper. Office of Ground Water and Drinking Water. August 13, 2002. <http://www.epa.gov/safewater/tcr/pdf/ccrwhite.pdf>. 42 pp.
31. U.S. Environmental Protection Agency. 2002b. The Clean Water and Drinking Water Infrastructure Gap Analysis. EPA-816-R-02-020. Office of Water. Washington, DC. September. 50 pp.
32. U.S. Environmental Protection Agency. 2002c. The Clean Water and Drinking Water Infrastructure Gap Analysis. EPA 816-F-02-017. EPA Office of Water. Sept. 2 pp.
33. U.S. EPA. 2003. Total Coliform Rule and Potential Revisions and Distribution System Requirements. <http://www.epa.gov/safewater/tcr/tcr.html>
34. Van Blaricum, V.L., Jack T. Flood, Michael J. Szeliga, and James B. Bushman. 1998. Demonstration of Remote Monitoring Technology for Cathodic Protection Systems: Phase II. FEAP TR 98/82. May. U.S. Army Construction and Civil Engineering Research Laboratories. Champaign, IL. 43 pp.
35. Wall, M. and F. A. Wedgwood. 1998. Economic assessment of inspection - the inspection value method. NDT.net. December. 8 pp. <http://www.ndt.net/article/ecndt98/reliabil/318/318.htm>
36. Water Infrastructure Network. 2001. Infrastructure Now – Recommendations for Clean and Safe Water in the 21st Century. February. 14 pp. [http://www.win-water.org/win\\_reports/pub2/pub\\_2\\_html/safe\\_clean\\_water.html](http://www.win-water.org/win_reports/pub2/pub_2_html/safe_clean_water.html)

